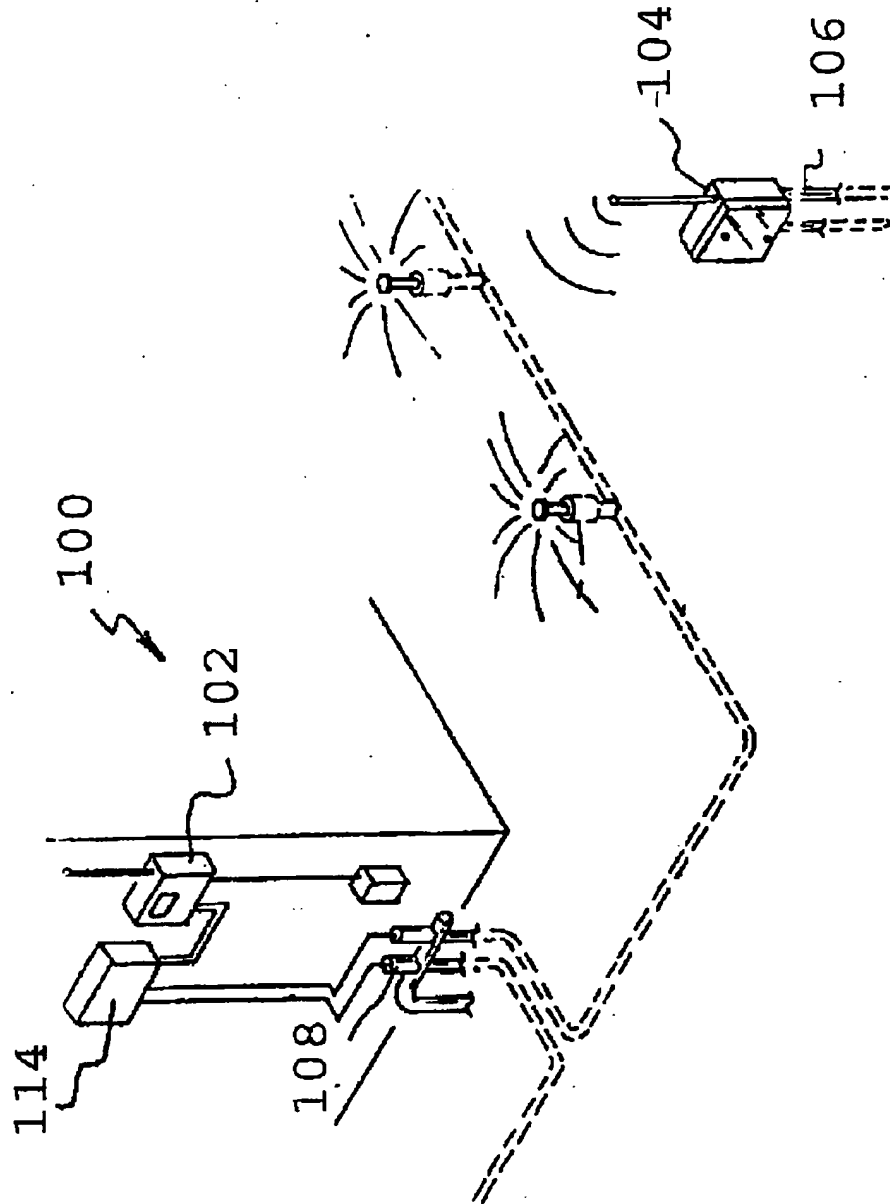




Appl. No: 10/692,532  
Reply to Formalities Letter of Sept. 28, 2004  
Replacement sheet

FIGURE 1 - PRIOR ART



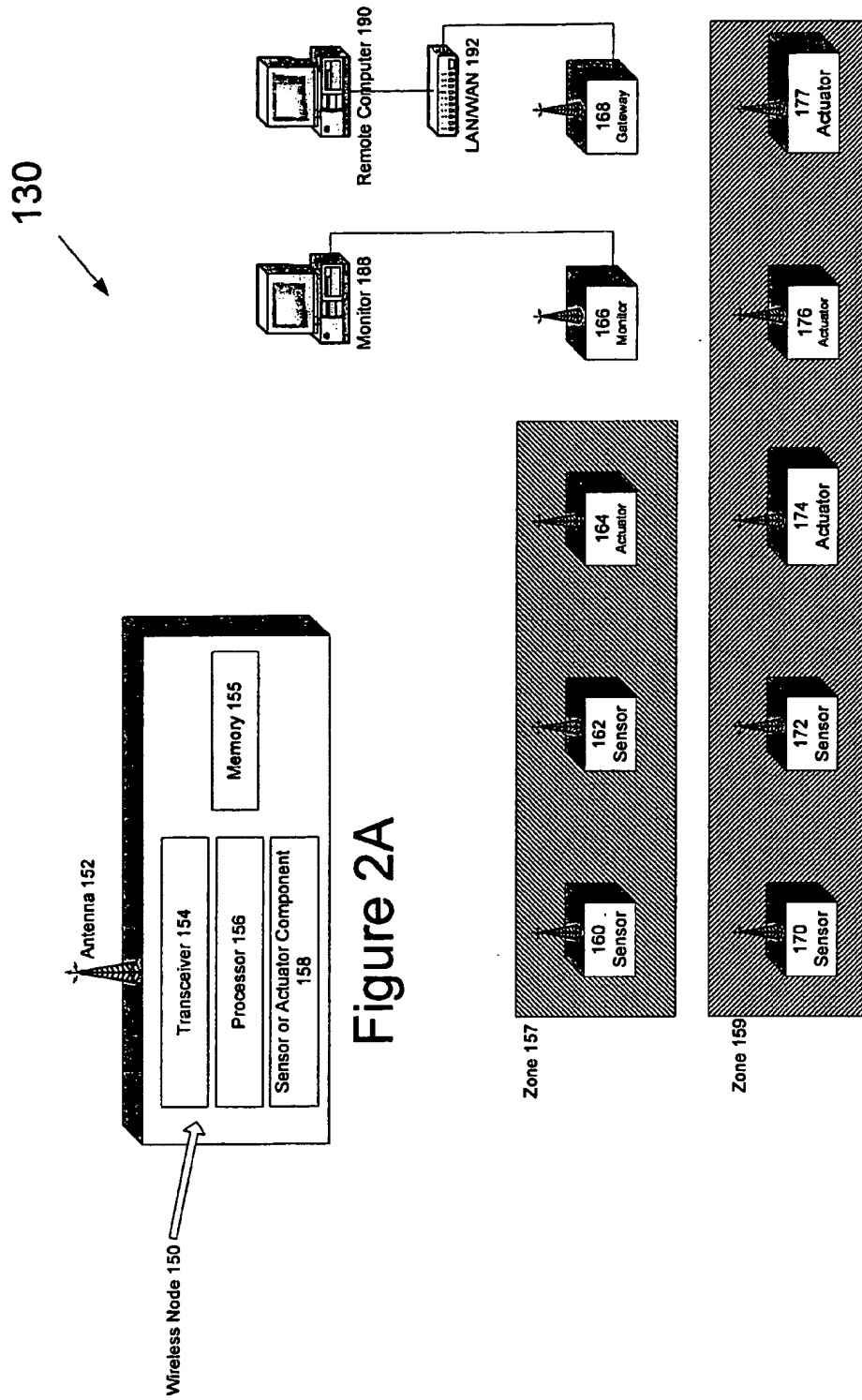


Figure 2

Figure 3 - Message Routing

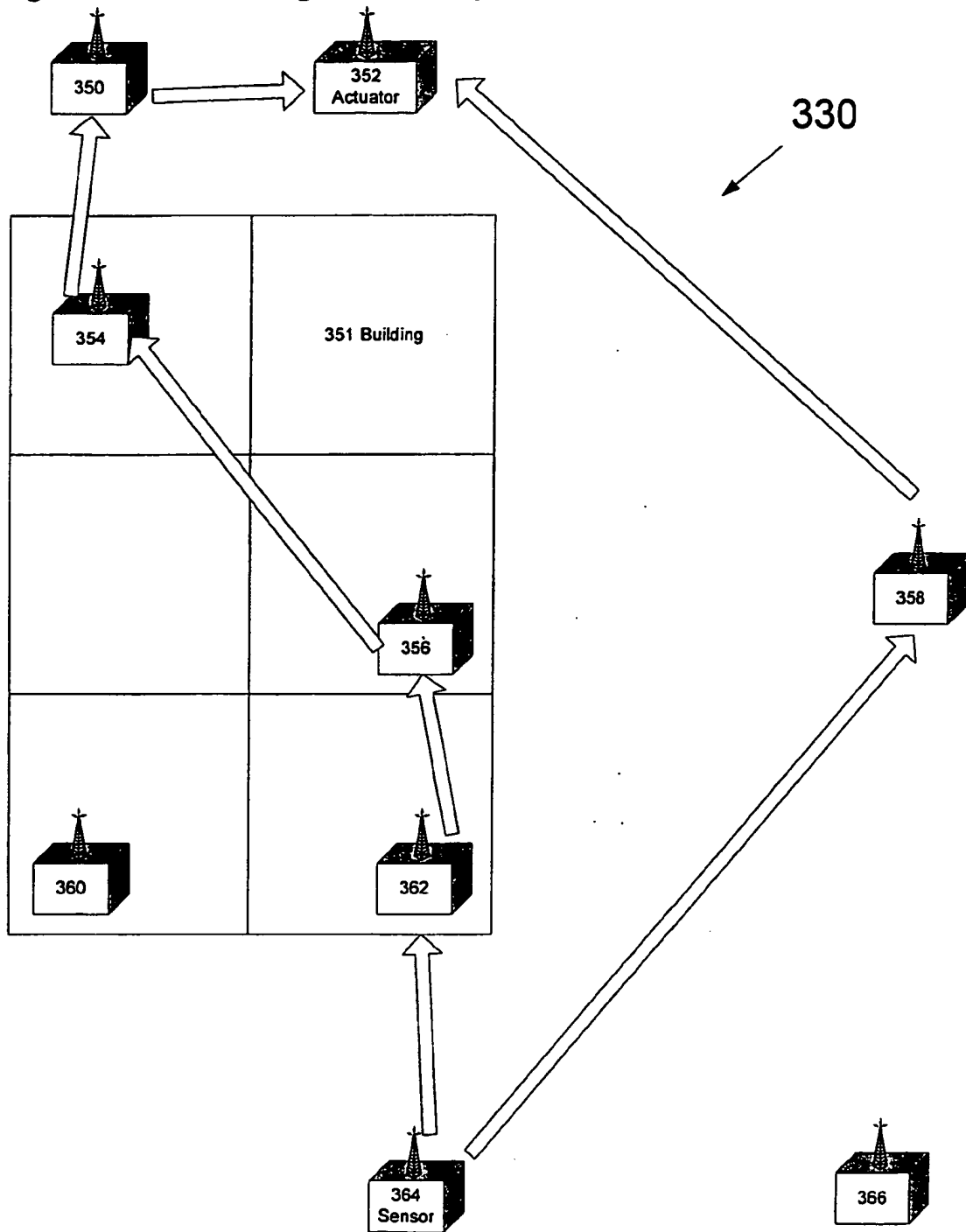
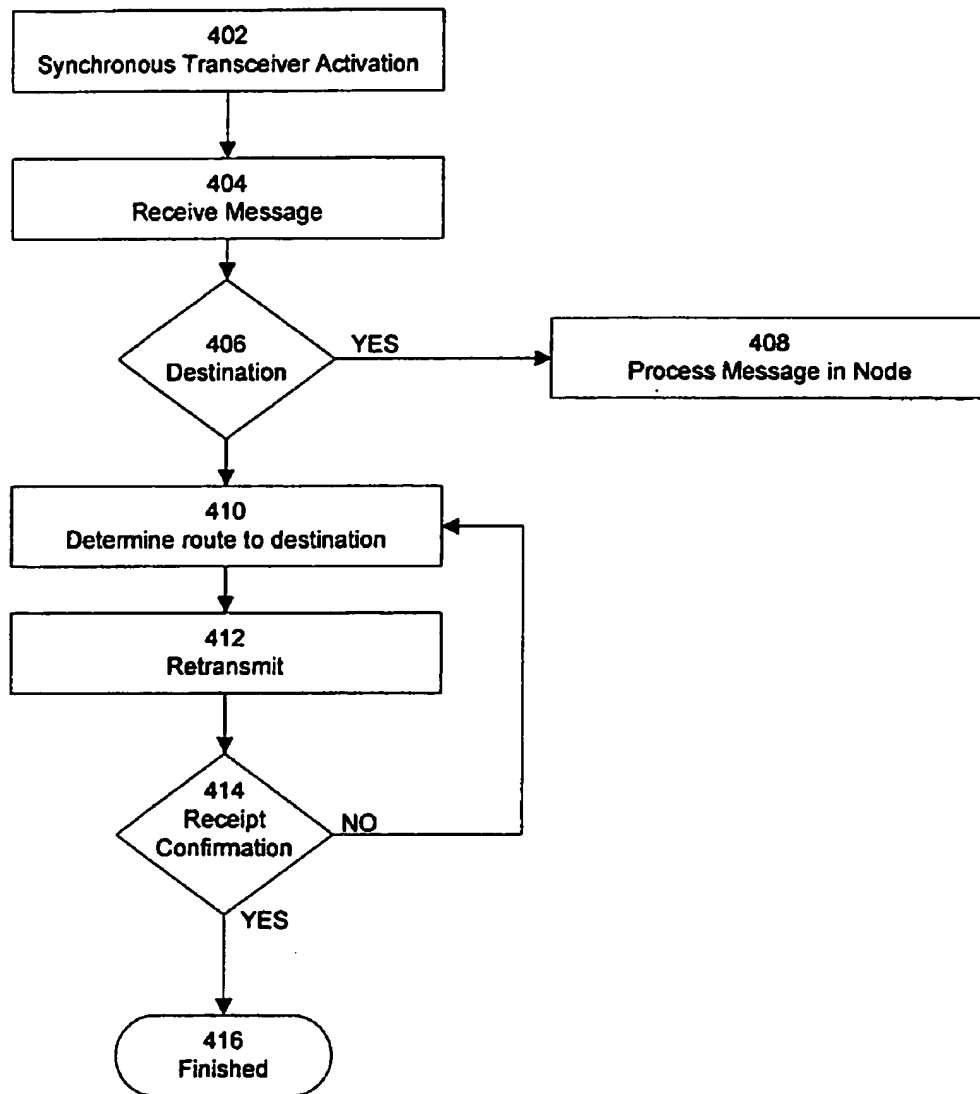


Figure 4 - Transceiver Routing



**Figure 5 - Sensor Data Routing**

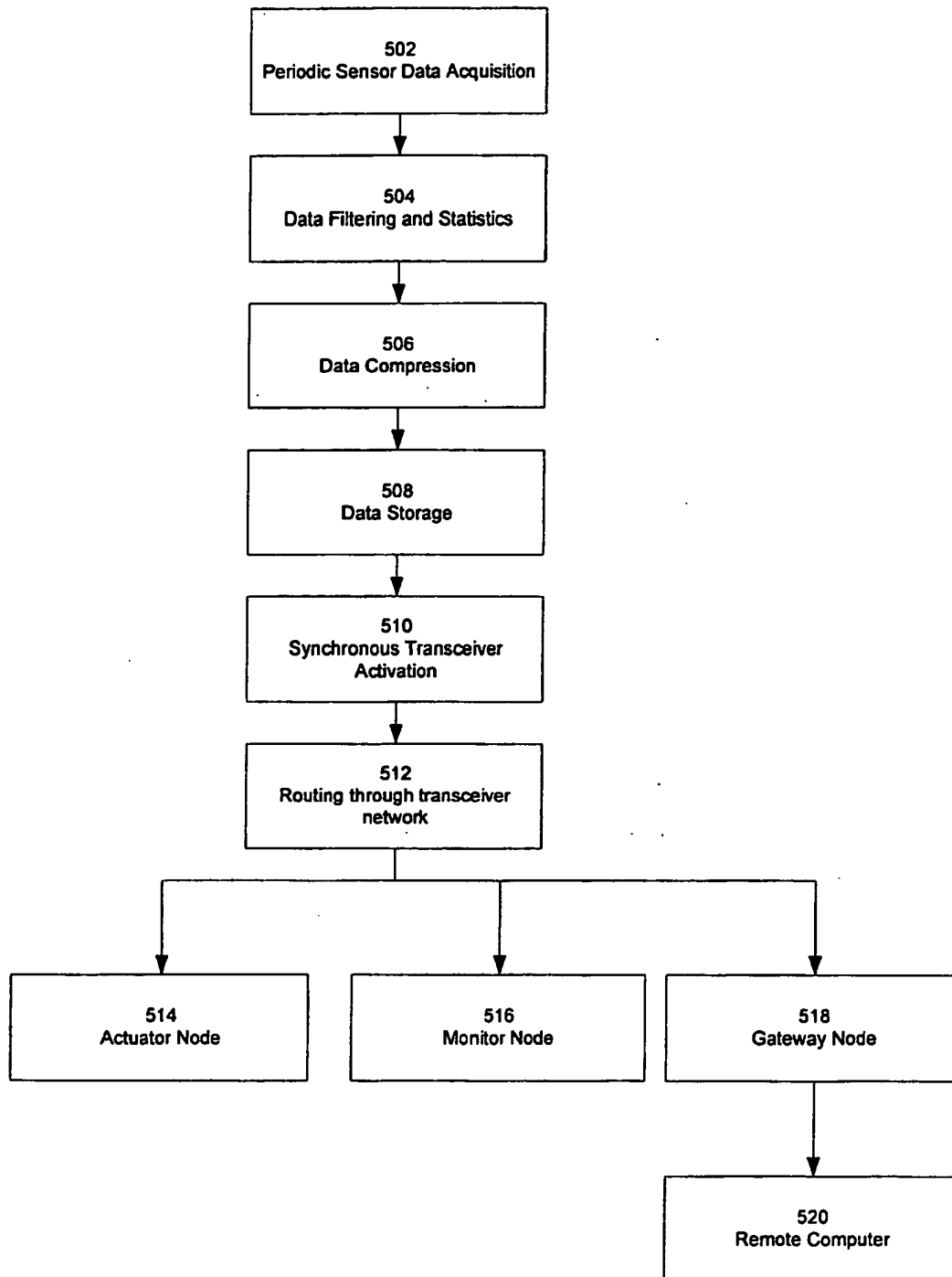
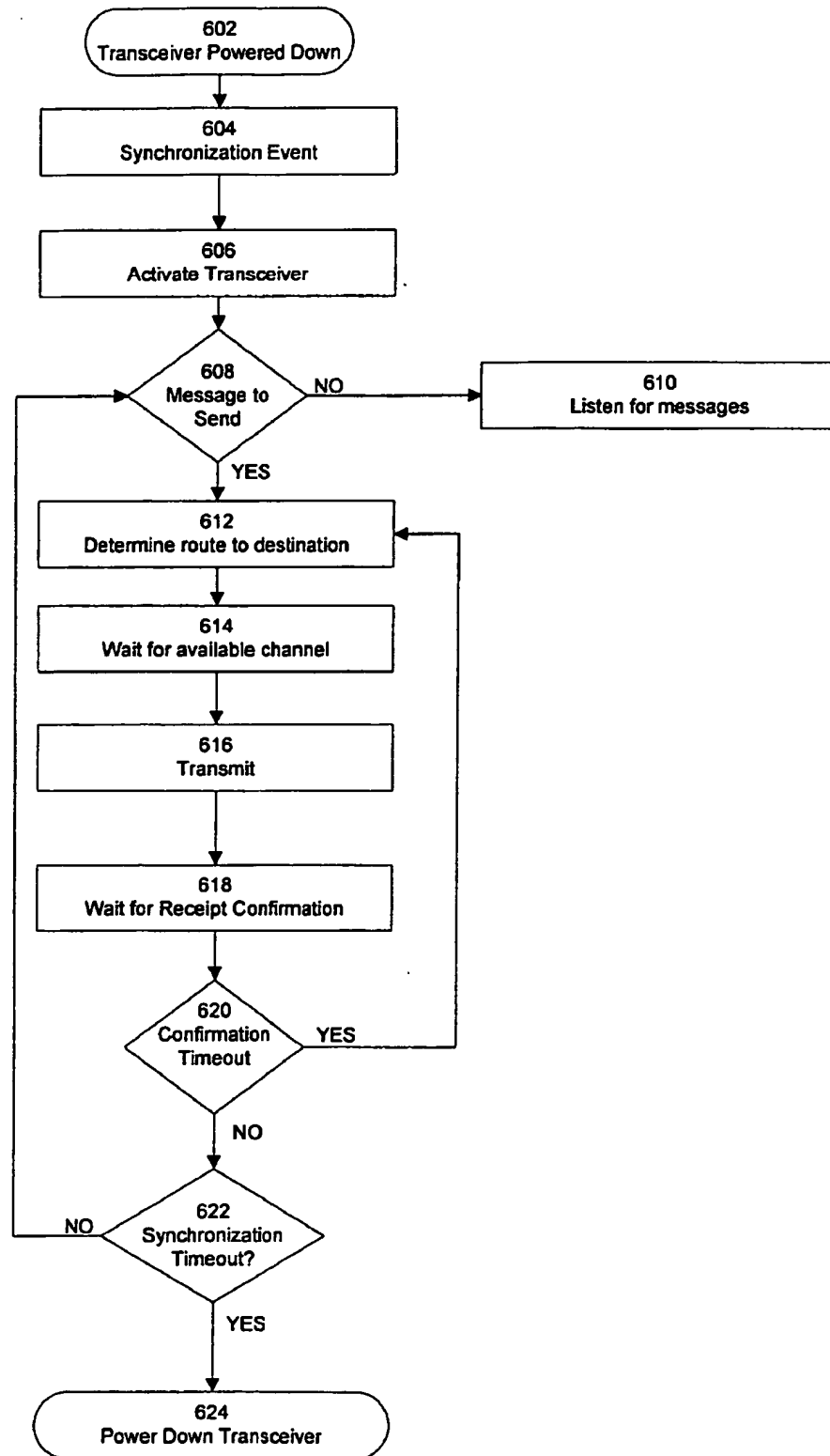


Figure 6 - Transceiver Synchronization



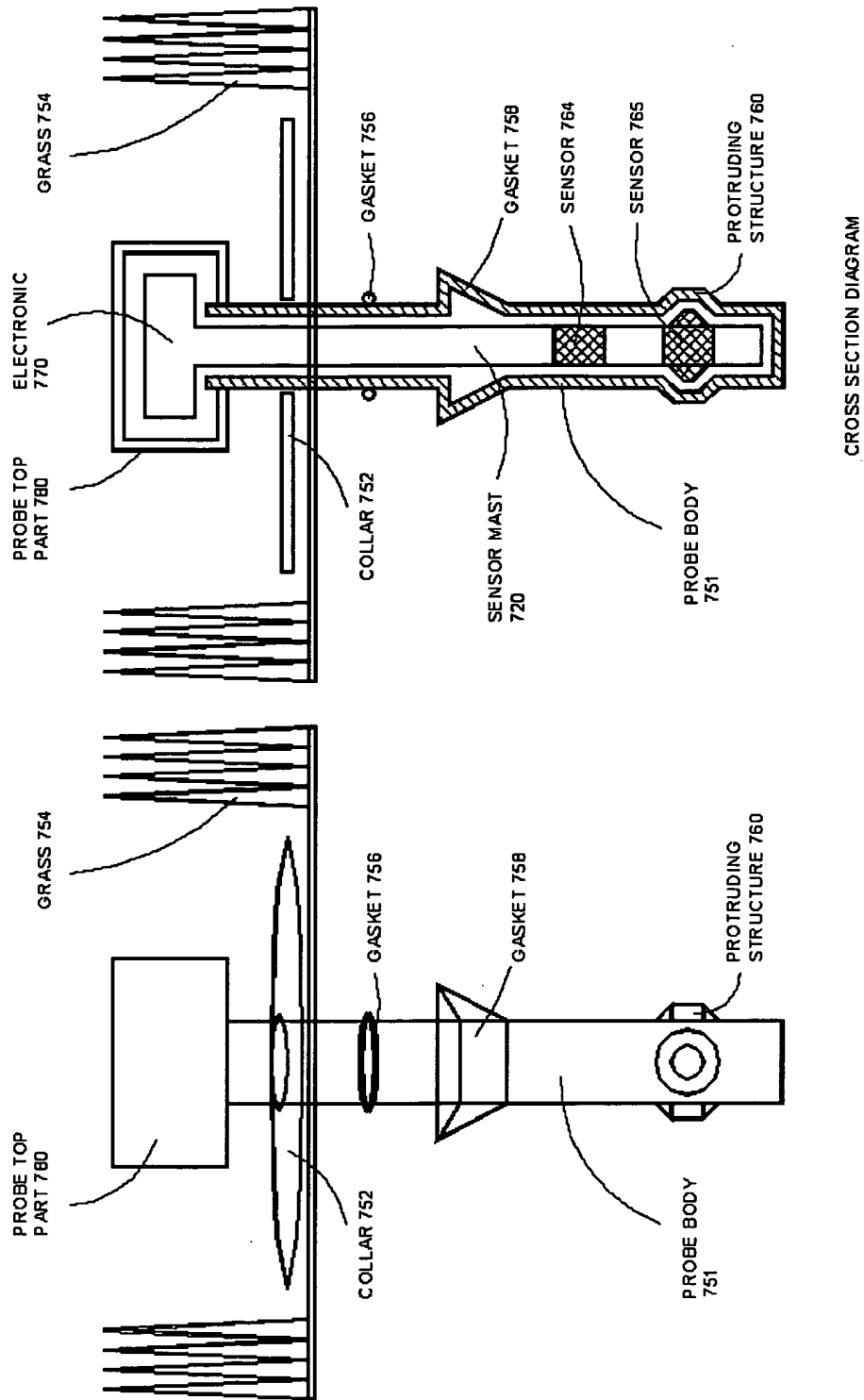


Fig. 7. Diagram of a soil probe sensor node

Figure 8 - Separable Probe Body

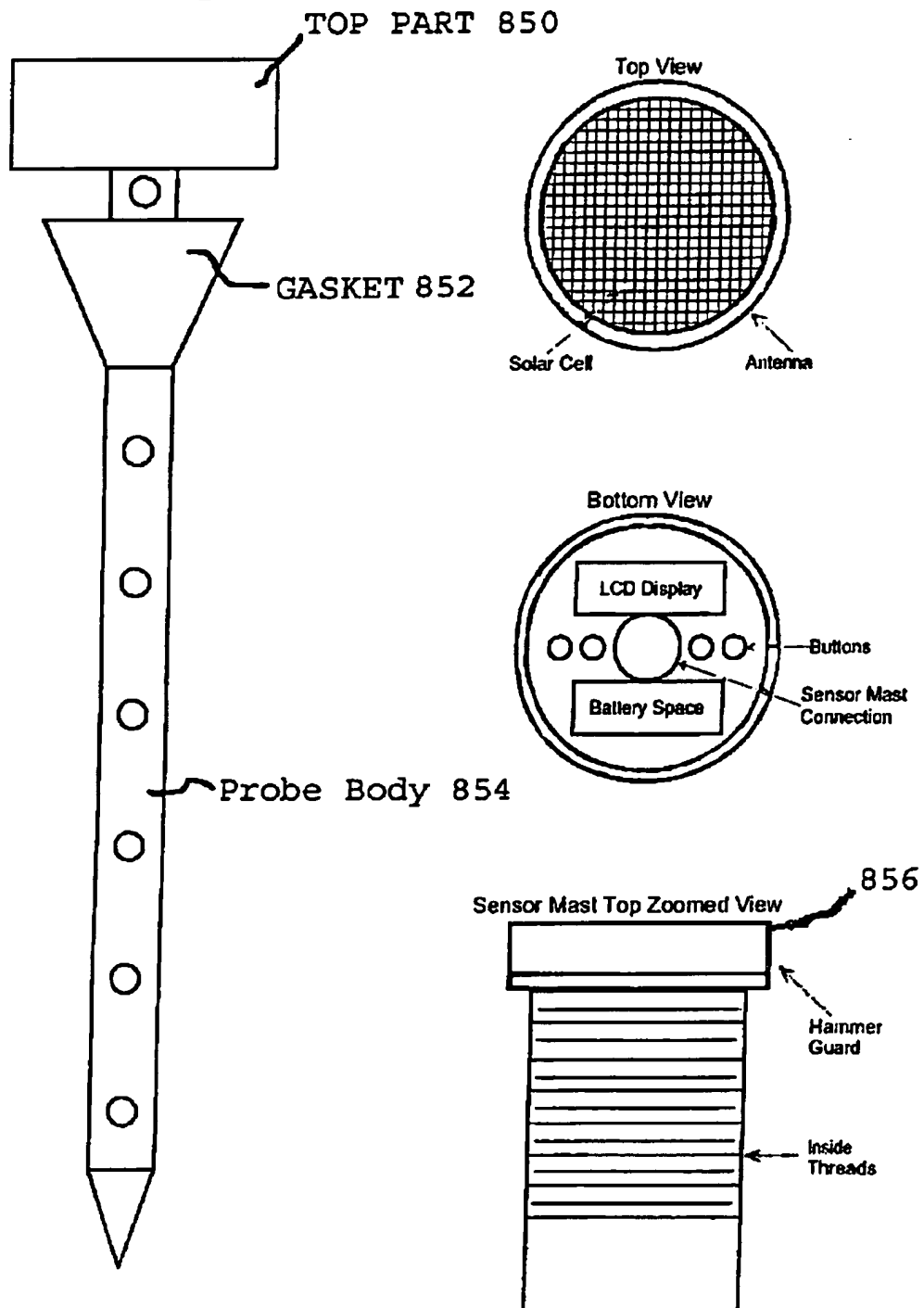




Figure 9

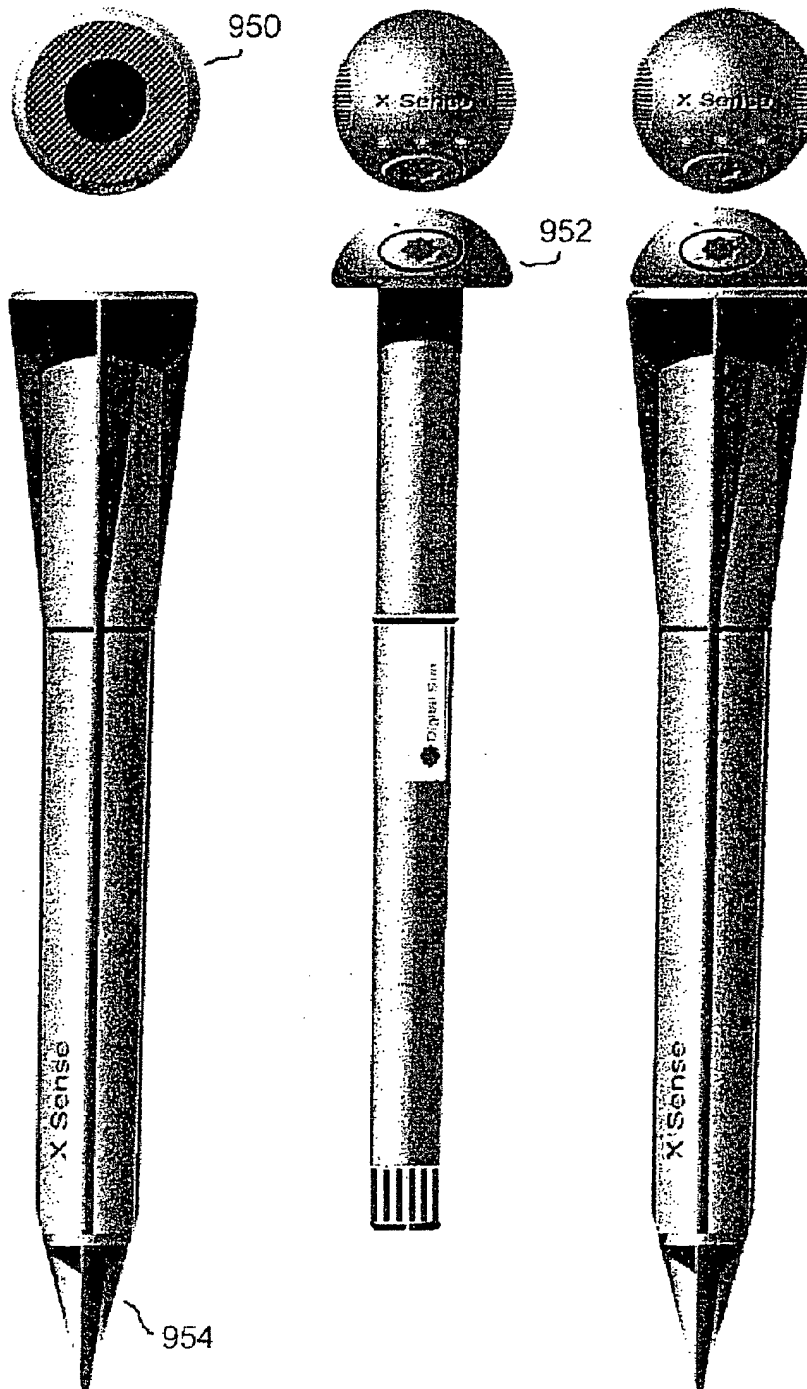


Figure 10 - Configuration and Dimensions of Probe Body

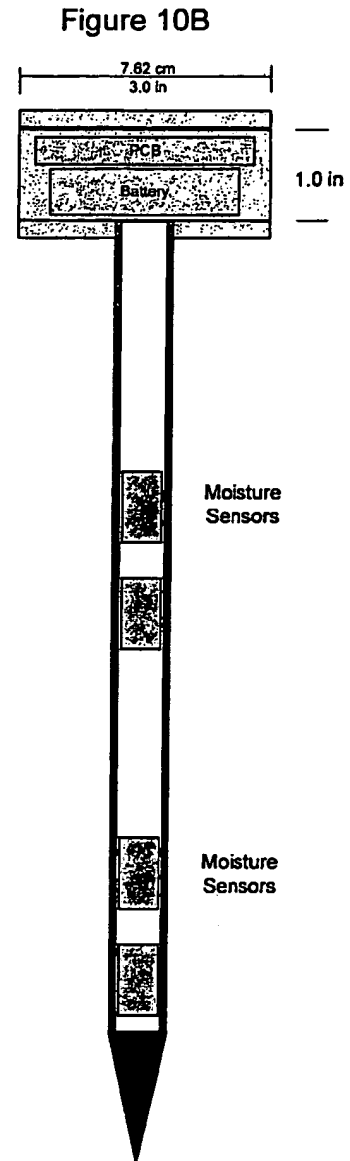
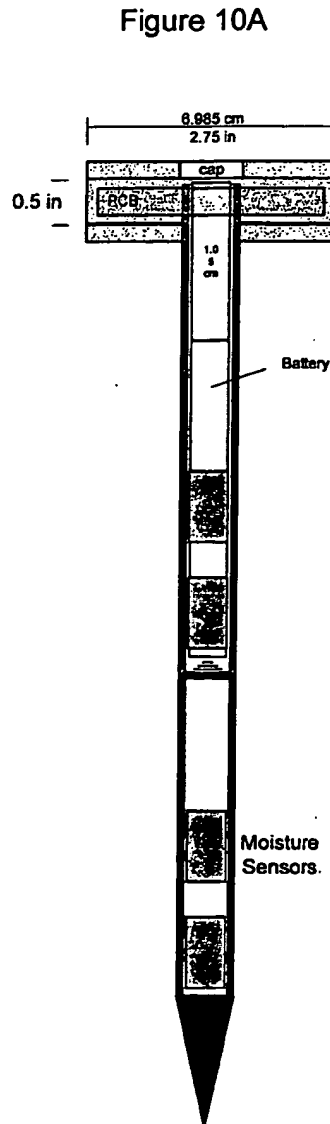
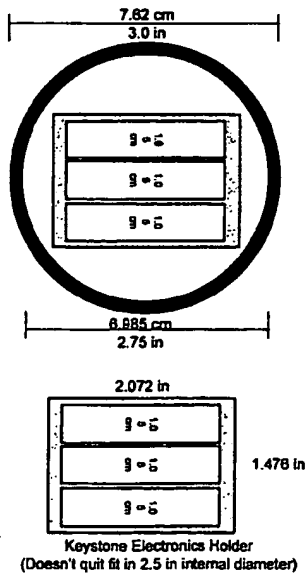
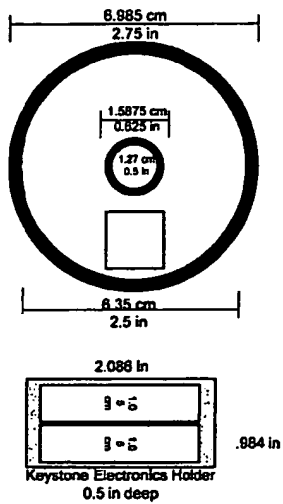


Figure 11 - Probe Shapes

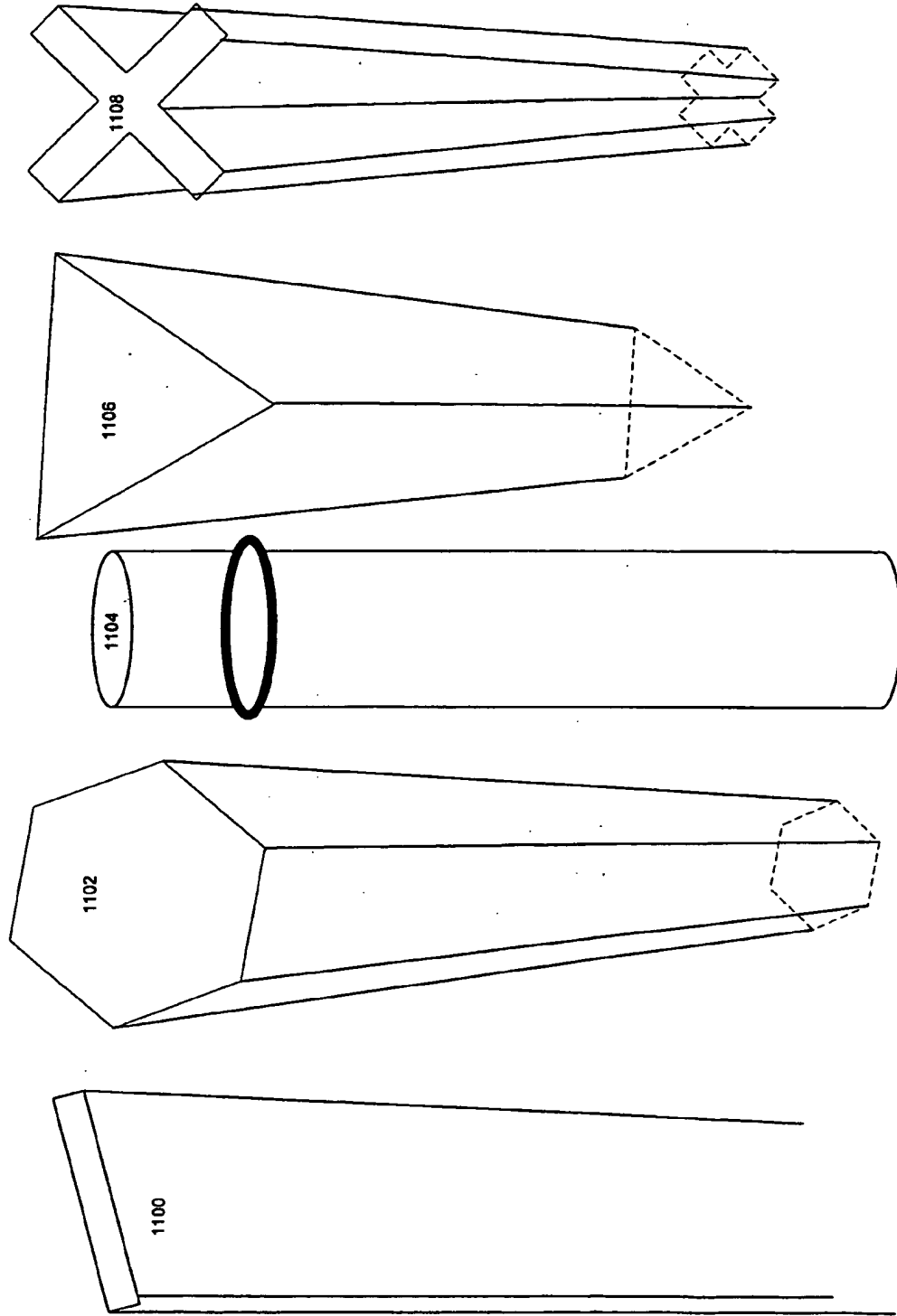


Figure 12 - Occupancy Detection

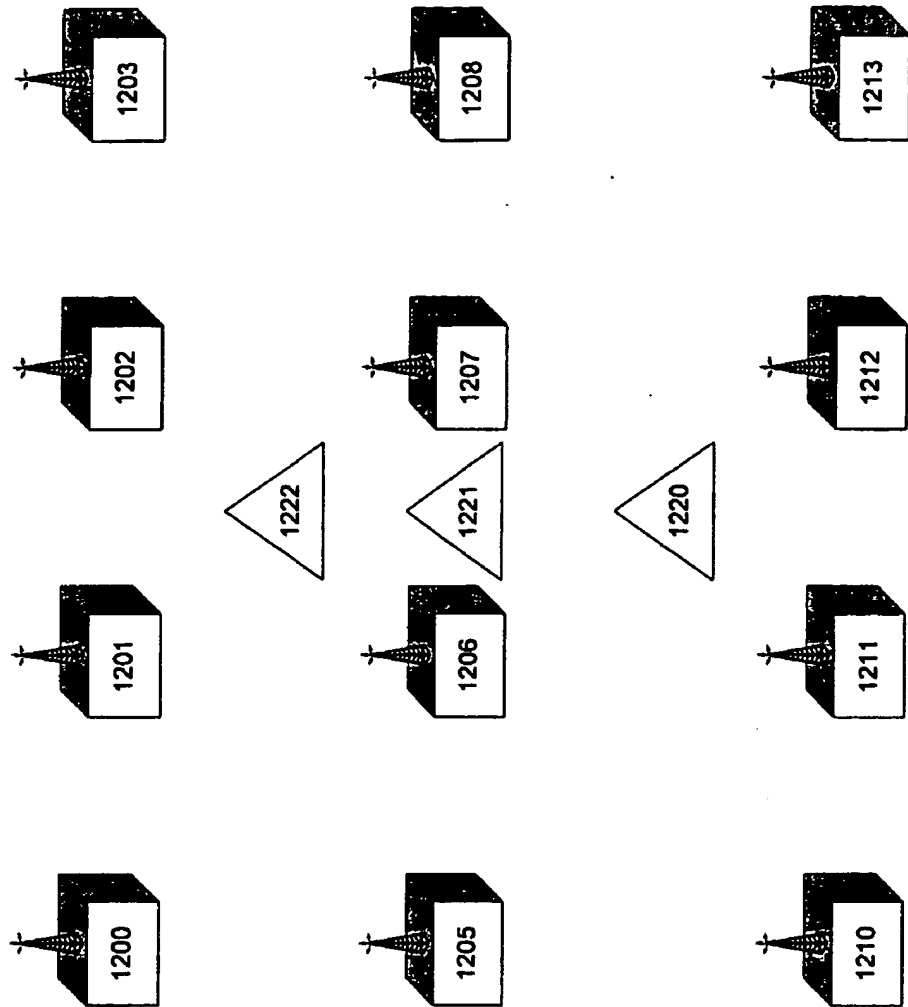


Figure 13 - Common Line Control

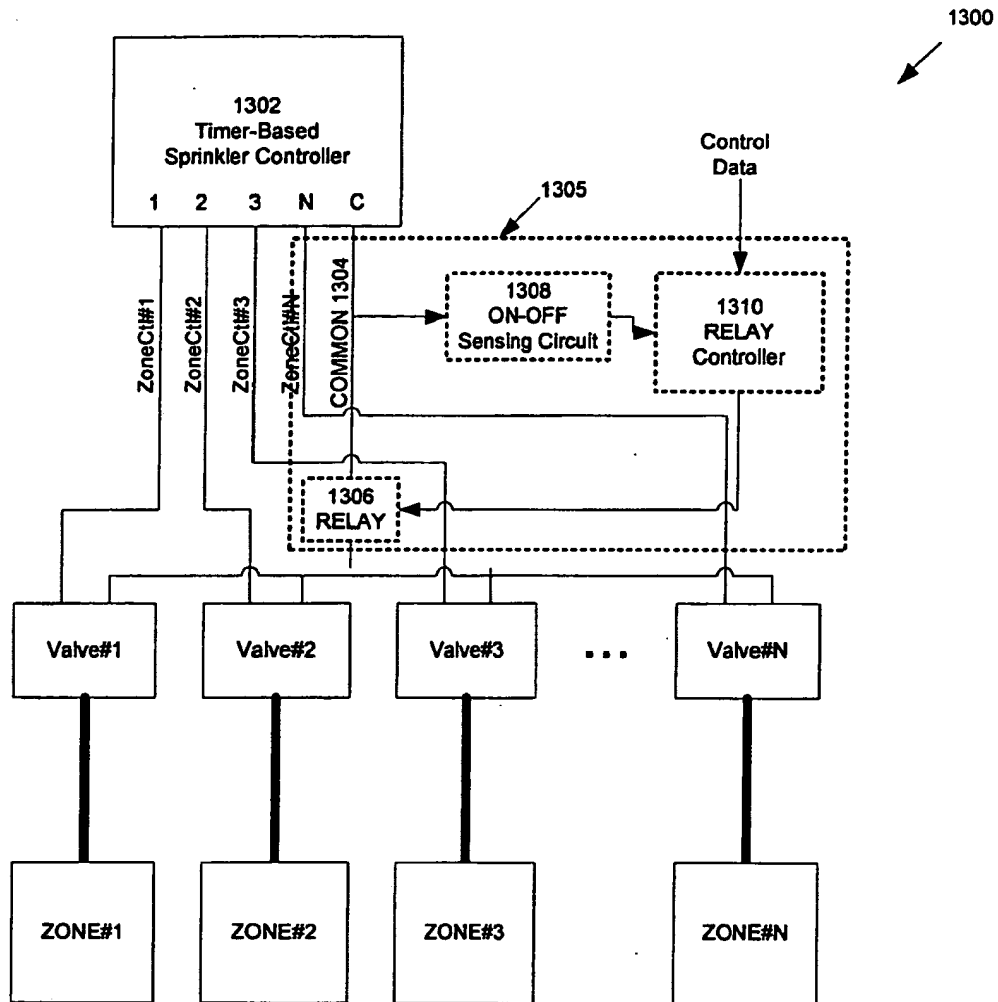


Figure 14

